Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Saturday 19 Dec 2020 until 23:59 on Sunday 20 Dec 2020

Forecast Issued on Friday 18 Dec 2020 at 09:30

Confidence: High confidence in general outline of the forecast for the beginning of the period some uncertainty by the middle of next week in the synoptic pattern.

Headline for Saturday 19 Dec 2020: A showery day with Southwesterly gales on the fells.

Mountain weather hazards on Saturday 19 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Dull	Heavy rain showers	Heavy rain showers	Sleet showers	Sleet showers (night)	Sleet showers (night)
Precipitation probability							
70%	70%	50%	50%	50%	50%	60%	60%

Forecast for Saturday 19 Dec 2020

Weather: Bands of blustery showers will push across the Lake District during Saturday, some showers will group together to give longer periods of rain. Some of the showers will be heavy with the risk of thunder and lightning at times. Showers will become more wintery in the afternoon as freezing level lowers to around 1000m. There will be a few brighter or sunny intervals out with showers.

Chance of cloud free mountain/hill tops above 800m: 50%, scattered cloud will shroud the fell tops at times especially during heavier showers but this cloud will move on except on some of the more southerly fell tops where cloud may linger for much of the day around 600m

Visibility: Visibility will be good out with showers however visibility will dip to moderate or poor at times in showers particularly in the afternoon or any sleet or snow showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2020. All Rights Reserved

Mountain Weather Forecast

Forecast for Saturday 19 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	40/50 S	36/45 S	38/48 S	40/50 S	44/56 S	40/52 S	43/56 S	41/54 SW	42/56 SW
600	29/39 S	30/41 S	31/43 S	32/44 S	34/49 S	33/47 S	35/49 S	33/48 SW	34/50 SW
300	12/33 S	12/31 S	12/32 S	14/34 S	15/38 S	14/35 S	16/38 S	15/36 SW	16/37 S
Valley	10/28 S	12/29 S	11/29 S	14/31 S	15/35 S	14/32 S	16/35 S	15/33 SW	16/34 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	5/-2	4/-3	3/-5	2/-6	2/-7	2/-7	1/-8	1/-7	1/-8
600	7/1	6/-0	5/-1	4/-2	4/-3	4/-3	3/-4	3/-4	3/-4
300	9/6	8/4	7/4	7/3	6/2	6/2	6/1	6/2	6/2
Valley	10/8	9/7	9/6	8/5	8/5	8/5	8/4	8/5	8/4
Freezing Level*	1600m	1400m	1300m	1200m	1200m	1100m	1100m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Southerly gales at height will strengthen further in the afternoon and evening, gusts will be strongest around the heavier showers. Note the freezing level lowering during the day turning showers wintery on the fell tops later.

Forecast for Sunday 20 Dec 2020

Weather: Another showery outlook on Sunday although showers are likely to be mainly light and move through quite quickly with visibility only dipping a little as showers affect the fells, showers are likely to be wintery on the fell tops with freezing level around 900m. Some long sunny or bright spells throughout the day and some areas will see very few showers.

Maximum wind: Southwesterly 20-25mph gusts 35-40 mph.

Chance of cloud free mountain/hill tops above 800m: 60%, there will be periods of time when cloud falls below the tops however this should be short lived with good opportunities for views across the Lake District.

Visibility: Mainly good but becoming moderate in showers and poor in any sleet or snow showers.

Temperature: **Valleys:** Plus 7 Celsius
At 800m: Plus 1 Celsius.
Freezing level: 900m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2020. All Rights Reserved

Mountain Weather Forecast

Ground Conditions Supplement

Date: Friday 18 December. Location: Raise summit at 11:20 Torrential rain and southerly winds gusting 45-50mph combined with reduced visibility gave very challenging conditions in the fells today.
Rivers are full making them difficult to cross and the ground is saturated making some of the paths particularly slippery. Despite being relatively mild, the very wet conditions and strong winds make it feel very cool. The fells are basically free of snow and ice apart from very small isolated patches on some steep north and east-facing aspects above 850m (generally around corrie rims and the tops of gullies). The freezing level is forecast to lower to around 1000m tomorrow, therefore anyone venturing out should be prepared for wintery weather on the tops. Full winter clothing including waterproofs, warm layers as well as hat & gloves, and equipment including mountain boots, headtorch, map and compass and the ability to use them in poor visibility are all essential for anyone venturing out onto the fells. Temperature: plus 6.6 C, Maximum wind speed 39.9 mph, Wind chill: Plus 0.2 C, Average wind speed: 26.7 mph
Issued at: 0930 on Fri 18 Dec 2020

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2020. All Rights Reserved